

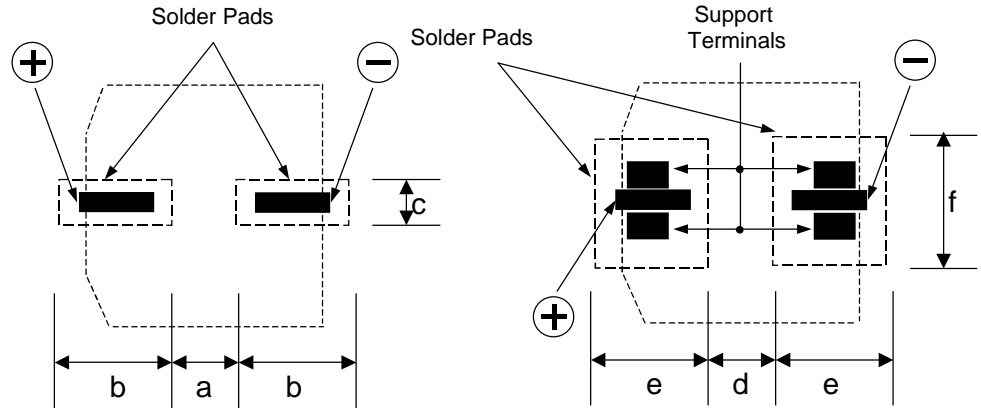
Surface Mount Aluminum Electrolytic Capacitors Processing Data

RECOMMENDED LAND PATTERN (mm) STANDARD TERMINAL

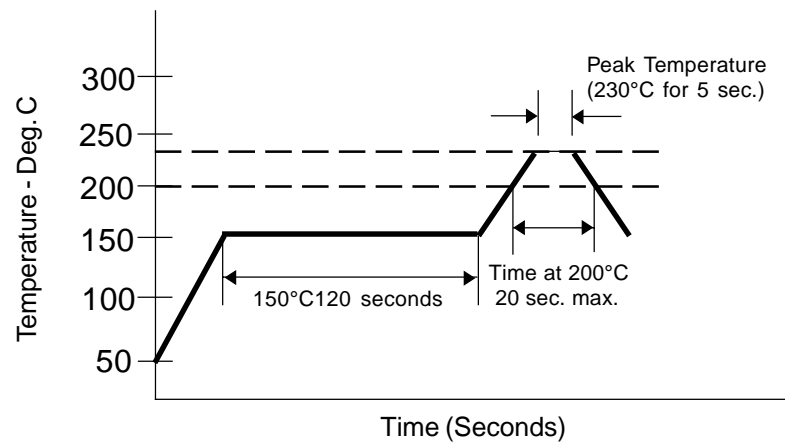
Case Dia.	a	b	c
3	0.8	2.2	1.6
4	1.0	2.6	1.6
5	1.4	3.0	1.6
6.3	2.1	3.0	1.6
8	2.8	4.15	1.9
10x8	4.3	4.4	2.5
10x10.5	4.3	4.4	2.5
10x14	4.0	4.5	2.0
10x18	4.0	4.5	2.0
10x22	4.0	4.5	2.0
12.5x14	4.3	5.8	2.5
12.5x17	4.3	5.8	2.5
12.5x22	4.3	5.8	2.5
16T2	6.0	6.5	3.5
18T2	6.0	7.5	3.5

RECOMMENDED LAND PATTERN (mm) WIDE TERMINAL

Case Dia.	d	e	f
16WT	4.7	8.4	9.6
18WT	4.7	8.4	9.6



RECOMMENDED REFLOW SOLDERING PROFILE



1. Polarity: NACE, NACEW, NACZ, NACZF, NACX, NACS, NACP, NACT, NACH, NACV, NACVF, NAFL, NACHL, NSPE and NSPZ series capacitors have polarity. Cathode is identified by black band on top of can. NACEN series in non-polar and can be used where circuit polarity is reversible or unknown.

2. Cleaning:

- Freon TE, TES, TP-35; 2 minutes maximum at 40°C.
- CFC substitute solvents; 2 minutes maximum at 60°C.
- Post cleaning water wash (3-5 minutes) is recommended.

3. Soldering: only REFLOW soldering is applicable. The maximum recommended reflow soldering profile is shown at left. The maximum temperature-time limits are as follows:

TEMPERATURE	MAXIMUM EXPOSURE TIME
+200°C	20 seconds
+220°C	15 seconds
+230°C	5 seconds

Please review soldering conditions outside these limits with NIC.

